IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln No.: 09/784,158 Confirmation No. 1544 Filed: February 16, 2001 This document was electronically filed Applicants: Stephan W. WEGERICH et al. on May 12, 2008 using the U.S. Patent and Trademark Office's FFS Web Title: SYSTEM FOR EXTRACTION OF REPRESENTATIVE DATA FOR TRAINING OF ADAPTIVE PROCESS MONITORING EOUIPMENT Art Unit: 2123 Examiner: Mary C. Hogan Attorney Docket: 7060/70479 Customer No : 22242 Mail Stop AMENDMENT Commissioner for Patents P. O. Box 1450 Alexandria, Virginia 22313-1450

AMENDMENT D

Sir:

In response to the Office Action dated December 10, 2007, as entered in the abovecaptioned matter, kindly amend the claims as per the modifications shown herein. Applicants hereby petition under 37 CFR \$ 1.136(a) for a two-month extension of time in the above-captioned application, up to and including May 12, 2008, to make this reply timely.

 $\label{lem:Amendments} Amendments to the Claims are reflected in the listing of claims which begin on page 2 of this paper.$

Remarks/Arguments begin on page 11 of this paper.